Electronic Acknowledgement Receipt					
EFS ID:	3046948				
Application Number:	10632483				
International Application Number:					
Confirmation Number:	3008				
Title of Invention:	MULTICAST CONTROL SYSTEMS AND METHODS FOR DYNAMIC, ADAPTIVE TIME, BANDWIDTH,FREQUENCY, AND SATELLITE ALLOCATIONS				
First Named Inventor/Applicant Name:	Timothy F. Settle				
Customer Number:	23370				
Filer:	Gregory W. Carr/Bradley Ellis				
Filer Authorized By:	Gregory W. Carr				
Attorney Docket Number:	39932/285866				
Receipt Date:	25-MAR-2008				
Filing Date:	01-AUG-2003				
Time Stamp:	13:03:56				
Application Type:	Utility under 35 USC 111(a)				

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	10632483-ExecutedPOA.pdf	186417	no	1
T ower or reasonsy	Tood2 Too Excoutour Ormpur	19532bb9568592aeeec4fb170f6955c51 c90a82e	1	·	

Warnings:

Information:

Assignee showing of ownership per	10632483-ExecutedSOA.pdf	174041	no	1	
37 CFR 3.73(b).	10002400-Executed3OA.pdf	816c92b3eed15575dbad7159aed5bd8 9e6392ae9		'	
Warnings:					
Information					
		Total Files Size (in bytes):	360458		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.